

METHOD FOR CAPTURING A PANORAMIC IMAGE BY MEANS OF AN IMAGE
SENSOR RECTANGULAR IN SHAPE

ABSTRACT

The present invention relates to a method for capturing a digital panoramic image, by projecting a panorama onto an image sensor by means of a fish-eye objective lens having a constant field angle relative to its optical axis, the image sensor being rectangular in shape. According to the present invention, the fish-eye objective lens is provided to project onto the image sensor, without reducing the field of view, a distorted panoramic image (ID1) that covers a number of pixels on the image sensor higher than the number of pixels that would be covered by an image disk. Advantages: improvement in the definition in a useful zone of the image, particularly to improve the quality of digital zooms.

Fig. 7A